

## Large Business Program

# Price Chopper Rotterdam Freezer Warehouse

### Price Chopper

The 152,000-square-foot Price Chopper Rotterdam Freezer Distribution Facility operates two shifts, seven days a week to support frozen food distribution to the company's supermarket locations. All of Price Chopper's frozen food, and items such as bagged ice, arrive at the facility from all over the world and are shipped daily as stores place orders. The facility opened in 2005 and replaced freezer warehouses in Colonie and Waterford.

### Energy Efficiency Solutions

- Wireless mesh network control system installed on all new lighting fixtures
- 300 LED High Bays installed throughout loading docks, ice cream and frozen food freezer space
- T-8 Fluorescents installed in mechanical and electrical spaces

### Savings Summary

SmartWatt Energy, a National Grid Energy Solutions Partner, conducted a full-building audit of Price Chopper's lighting systems for potential energy saving upgrades. The goal was to dramatically improve the quality and quantity of light for employees, to save money on energy costs, to achieve central control of all lighting systems, and to reduce Price Chopper's environmental impact. The payback for the upgrades was less than two years with an annual savings of \$73,788.

### Strategic Partner



SmartWatt Energy, Inc  
3 Rosell Drive  
Ballston Lake, NY 12019

### The result:

<b>Total Project cost</b>	\$249,014
<b>National Grid incentive</b>	\$84,439
<b>Annual kWh savings</b>	491,923 kWh
<b>CO<sub>2</sub> lifetime Reduction</b>	6,366 tons
<b>Annual cost savings</b>	\$73,788



SCHENECTADY, NY

*"The Price Chopper Team partnered with SmartWatt Energy and National Grid to put this project together. The results were immediate and dramatic! We improved lighting, reduced energy consumption and lowered lighting maintenance costs."*

—Benny Smith VP of Facilities, Price Chopper Supermarkets

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